

# Notice of Allowability

Application No.

09/835,021

Examiner

Terry L Englund

Applicant(s)

FELDMAN, ARNOLD R.

Art Unit

2816

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amdt (Mar 2, 2004).
2. ☒ The allowed claim(s) is/are 17-21, 25, and 31-40 (now renumbered for printing purposes).
3. ☒ The drawings filed on 17 May 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's ~~Amendment~~ Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

TIMOTHY P. CALLAHAN  
SUPERVISORY PATENT EXAMINER

***Response to Amendment***

The amendment submitted Mar 2, 2004 was reviewed and considered with the following results:

The cancellation of claims 3-6, 23-24, and 27-30 rendered their respective rejections, described in the previous Office Action, moot.

The amended claims overcame the rejections of claims 32, 36, and 39-40 under 35 U.S.C. 112, which have now been withdrawn. For example, after reconsidering the amended claims, the disclosure, and the figures, it is now understood what “biased to have DC gate-to-source voltages approximately equal to their threshold voltages” means within claims 32, 36, and 40. [Note: Claim 36 actually cites “gate-source”.] By changing “seventh” to “fifth” within claim 39, the confusion with respect to that claim’s dependency and/or limitation was clarified.

Therefore, there is no known objection or rejection remaining within the present application.

***Reasons for Allowance***

The following is an examiner’s statement of reasons for allowance:

None of the prior art references reviewed and considered show/disclose the circuit (or method) for buffering RF signals as recited within independent claims 17, 25, and 37. More specifically, none of the references clearly show or disclose: 1) the seventh device and the current source as recited within claim 17 (upon which claims 18-21, and 31-32 depend); 2) the first and second currents, applied their respective terminal of an inductor, are geometrically proportional to the RF signal as recited within claim 25 (upon which claims 33-36 depend); and 3) the fifth device and the current source as recited within claim 37 (upon which claims 38-40

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depend). Since there is no strong motivation to modify or combine any prior art reference(s) to ensure those specific limitations are met, the claims are deemed patentably distinct over the prior art of record.

Claims 17-21, 25, and 31-40 are allowable, and have been renumbered as claims 1-4, 7, 8, 5, 6, and 9-16, respectively for printing purposes. The renumbering takes into account the cancellation of claims 1-16, 22-24, and 26-30, as well as regrouping the claims together with respect to the independent claim and its dependent claims. For example, claims 18-21 and 31-32 all depend upon independent claim 17.


Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

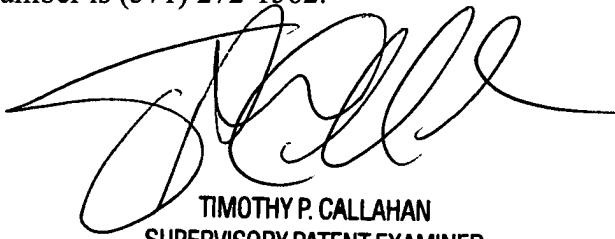
Any inquiry concerning this communication, or previous communications, from the examiner should be directed to Terry L. Englund whose telephone number is (571) 272-1743. The examiner can normally be reached Monday-Friday from 7 AM to 3 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Callahan, can be reached on (571) 272-1740.

The new central official fax number is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-1562.

  
Terry L. Englund  
15 Mar 2004

  
TIMOTHY P. CALLAHAN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800